

Title (en)

CONTAINER CAP AND CONTAINER MOUTH

Title (de)

BEHÄLTERVERSCHLUSS UND BEHÄLTERMÜNDUNG

Title (fr)

BOUCHON DE RECIPIENT ET EMBOUCHURE DE RECIPIENT

Publication

EP 0904237 B1 20000301 (DE)

Application

EP 97916298 A 19970421

Priority

- CH 9700159 W 19970421
- CH 118796 A 19960509

Abstract (en)

[origin: WO9743188A1] The invention concerns a snap-on cap or a screw cap which has a multiple thread and comprises auxiliary retention means (10) which can hold the cap in the axial direction on both sides of a container mouth (8) which is to be closed, before the cap retention elements (6) engage with the retention elements (7) on the container mouth (8) and close the latter sealingly in a leaktight position. The force (F1) required to press on the auxiliary retention means (10) is less than the closure force (F2). The auxiliary retention means (10) prevent the cap from popping off or tilting in a filling plant. Instead of the cap (1), the container mouth (8) can also be provided with auxiliary retention means (30), a conventional cap then being used.

IPC 1-7

B65D 41/18; **B67B 3/02**; **B67B 3/22**; **B65D 41/02**

IPC 8 full level

B65D 41/02 (2006.01); **B65D 41/18** (2006.01); **B67B 3/02** (2006.01); **B67B 3/22** (2006.01)

CPC (source: EP)

B65D 41/02 (2013.01); **B65D 41/185** (2013.01); **B67B 3/02** (2013.01); **B67B 3/22** (2013.01); **B65D 2543/0025** (2013.01)

Cited by

US6797233B1

Designated contracting state (EPC)

AT BE CH DE ES FR GB GR IT LI NL SE

DOCDB simple family (publication)

WO 9743188 A1 19971120; AR 006885 A1 19990929; AT E190029 T1 20000315; AU 2501997 A 19971205; CA 2250886 A1 19971120; DE 59701183 D1 20000406; EP 0904237 A1 19990331; EP 0904237 B1 20000301; ID 18171 A 19980312; MY 132632 A 20071031

DOCDB simple family (application)

CH 9700159 W 19970421; AR P970101743 A 19970428; AT 97916298 T 19970421; AU 2501997 A 19970421; CA 2250886 A 19970421; DE 59701183 T 19970421; EP 97916298 A 19970421; ID 971538 A 19970509; MY P119971884 A 19970430